Network Control Center

STDN DAILY REPORT
FOR GMT DAYS
07, 08, 09 AND 10 JUNE , 2001

Part I. Operations

07 JUNE

A. SN Anomalies:

1. ERBS Support 07/194835-200219Z

ERBS POCC reported I channel sync loss at 19:48:35, 19:51:46, and 20:02:19. No data loss was declared. The delog showed one (1) I channel sync loss at 19:54:02. TTR # 23922

194706-200650Z TDE SSA1 No Data Loss Declared

B. ISS Anomalies:

1. ISS Support 07/094905-101218Z

ISS failed to achieve forward frame lock, complaining of no voice and corrupted data. A Forward REACQ was sent by Houston Command at 10:06:48Z with no forward lock. A Forward failover was approved by the user and initiated at 10:09:41 with no forward lock. The subsequent support on TDRS 171 did achieve lock as did a subsequent TDRS 275 event. BERT and loop tests were nominal and uncovered no WSC equipment problems. TTR # 23921

275 SSA1F/R 23 Mins. 13 Secs. Svc/Data Loss Recoverable (Unknown)

C. GN Anomalies:

1. AGS/AM1 Support 07/0156-0204Z

No commanding received at station AGS could not receive commands from project via GSIP. IPNOC is showing GSIP as being up, and span not bouncing. No way to tell from here is GSIP was receiving commands. Equipment on the 11 Meter checks nominal. CDS ID # 18939

11M 6 Min. Svc/Data Loss (Non-Recov)

D. NAM 548 WSC Software/Firmware Configuration and NAM 549 Space Network Scheduling Order (SHO) Processing Ground Rules were issued.

E. Landsat 4 has successfully completed 4 planned thruster firings, 2 Tuesday and 2 today. There are 5 more burns planned, 1 Friday (June 8), and 2 each on Tuesday(June 12) and Thursday(June 14), with closeout of the spacecraft planned next Friday(June 15). The activity tomorrow will test the C thruster which failed earlier in the mission. The project suspects that a failed fuse is the cause for the C thruster inoperativeness. If C works the remaining firings will be accomplished using 4 thrusters vice the 2 used thus far.

08 JUNE

A. SN Anomalies:

1. STGT ERBS Support 08/1448-1518Z

POCC reported experiencing several "I" channel sync drops during this event. Reason unknown TTR # 23926

TDS 1448-1518Z No data loss declared.

B. ISS Anomalies - None.

C. GN Anomalies:

1. WGS/FAST Support 08/1532-1537Z

Operator missed the FAST support on the schedule and had to scheduled it manually. This caused a late acquisition. CDS ID# 18947

TOT-3 1532-1500Z 5 Mins. Svc/Data Loss Recoverable (Unknown)

2. WGS/FAST Support 08/1743-180455Z

The system took numerous CRC errors during the support. Reason unknown at this time what caused the problem. This anomaly is under investigation. CDS ID# 18958

TOTS-3 1743-1805Z 21 Mins. 55 Secs. Data Loss Recoverable (Unk)

09 JUNE

A. SN Anomalies:

1 STGT/TOPEX Support 09/030030-030604Z

TOPEX event did not acquire at start time. The POCC was notified of no acquisition at which time they informed CSC of OMNI event and the POCC is working the issue. Two minutes into SHO, the POCC advised CSC that they sent two consecutive forward REACQs, at which time CSC informed them that the event was non-coherent and to send a return reacq. The POCC sent return reacq and acquired lock at 03:06:04. TTR # 23923

0300-0328Z TDS SSA2 5 Min.34 Secs Data Loss Recoverable

2. STGT/ERBS Support 09/195913-200813Z

POCC reported nine "I" channel sync dropouts during this event. Post event delog showed one frame sync dropout on the prime

"A" chain only at 19:59:13.Performed a failover to SSA1R "B" and will await for the next event for further troubleshooting.
TTR # 23925

1951-2009Z TDE SSA1 No Data Loss Declared

B. ISS Anomalies:

1. WSGT/ISS Support 09/1749-1836Z

POCC reported receiving an indication of no voice in our forward link (TDRS to ISS). There was no actual voice contact in progress at this time. This indication is received by the POCC in their telemetry. TTR # 23924

275 SSA1 F/R 1748-1836Z 46 Mins 58 Secs Service Loss Recov (Unknown)

C. GN Anomalies:

1. SGS/QST Support 09/193857-195416Z

QST called post pass and said that the command load on this orbit took approx. 20 sec longer than normal. QMOC said that it was the verification from the S/C that "used" longer time than it should. All commands were successfully loaded. Earlier today we had a problem with our E1 line. AT&T reported the problem to be somewhere in the states, according to Goddard Tech Control. This DR could be related to that problem.
CDS # 18965

11 Meter No Data Loss Declared

10 JUNE

A. SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. WGS/SWAS 10/170720-172007Z

Following AOS, site noticed that the WFEP had a considerable amount of CRC errors. Also, the downlink signal was fluctuating from about 8 to 17 DB above noise. Some of the CRC errors appeared to occur when the signal was weakest. Unknown at this time if there is a problem with the antenna system. CDS # 18966

TOT-3 1707-1720Z 12 Mins 47 Secs Svc/Data Loss Recov (Unknown)

Part II. Testing Anomalies

A. SN Test - None.

B. GN Test - None.

Part III. Equipment Status Changes - None.

$ = Changed ETRO
** = New Items

Part IV. Scheduled Activities:

WSGT MAP GN COMMAND ENGINEERING TEST
11/1555-1818Z

Part V. Launch Forecast Changes

1.) W1576LS (PEGASUS/HESSI) NET 14 JUN.,2001 T-0 = 1800Z

2.) M2104LS (STS-104/ISS-10-7A) NET 07 JUL.,2001 T-0 = 1103Z

3.) H4343LS (TAURUS/ORBVIEW-4 QUICKTOMS) NET 03 AUG.,2001 T-0 = 1838Z